

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by:
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GENERAL INFORMATION:

Name: Yuasa, Incorporated - Tubing Manufacturing Plant
Address: 145 Hi-Dollar Lane, Richmond, Kentucky 40475
Date application received: June 6, 1997
SIC/Source description: 2295 / Resin-Coated Fiberglass Tubing Manufacturing
AFS (10-digit) Plant ID: 21-151-00046
KYEIS #: 102-2520-0046
Application log number: F506
Permit number: V-99-070

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not a major modification per 401 KAR 51:017, 1(23)(b) or 51:052 1(14)(b)	

MISCELLANEOUS:

☐ Acid rain source
☒ Source subject to 112(r)
☐ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☒ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

POLLUTANT	ACTUAL EMISSIONS (TPY)	POTENTIAL EMISSIONS (TPY)
CRITERIA POLLUTANTS:		
Carbon Monoxide (CO)	1.461	1.461
Nitrogen Oxides (NO _x)	1.739	1.739
Sulfur Dioxide (SO ₂)	0.010	0.010
Particulate Matter (PM/PM ₁₀)	0.541	0.541
Lead	NA	NA
HAZARDOUS AIR POLLUTANTS:		
Ethylbenzene	4.548	4.548
Formaldehyde	1.327	1.327
Methanol	13.823	13.823
Methyl Isobutyl Ketone	1.971	1.971
Phenol	11.800	11.800
Xylene	22.274	22.274
TOTAL HAPs =	55.743	55.743

SOURCE PROCESS DESCRIPTION:

Yuasa-Exide, Incorporated operates a tube manufacturing facility in Richmond, Kentucky that produces resin-coated fiberglass tubing for use in tubular positive battery plates. The primary operations (and pollutants) involved in this process are coating, forming and baking (VOCs, HAPs) the resin-coated fiberglass tubing and then cutting and trimming the tubing to length (PM/PM₁₀).